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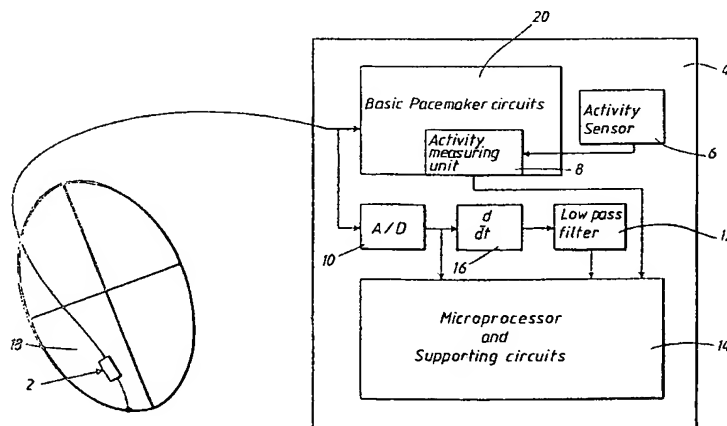
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- (71) Applicant (*for all designated States except US*): **ST JUDE MEDICAL AB** [SE/SE]; S-175 84 Järfälla (SE).
- (72) Inventors; and
- (75) Inventors/Applicants (*for US only*): **HEDBERG, Sven-Erik** [SE/SE]; Odonstigen 5, S-196 32 Kungsängen (SE). **BJÖRLING, Anders** [SE/SE]; Handbollsvägen 24 G, S-175 53 Järfälla (SE). **TORPO, Maria** [SE/SE]; Duvkullavägen 42 B, S-172 37 Sundbyberg (SE). **LJUNGSTRÖM, Karin** [SE/SE]; Albert Landbergs Gränd 34, S-165 70 Hässelby (SE).
- (74) Agents: **LÖFGREN, Håkan** et al.; Groth & Co. KB, Box 6107, S-102 32 Stockholm (SE).
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(54) Title: DETECTION OF DIASTOLIC HEART FAILURE



(57) Abstract: An implantable medical apparatus for detecting diastolic heart failure, DHF, comprises a DHF determining device for determining at least one blood pressure parameter for detecting a DHF state of the heart of a patient. The DHF determining device comprises a pressure measuring means (2,10,12,16) for measuring pulse pressure in a cardiac cycle for a predetermined workload situation of the patient as said blood pressure parameter, and a comparison means (14) compares the measured pulse pressure with a predetermined reference value. A pacemaker comprises such an apparatus and control means (20) for optimising pacing therapy depending on the result of the comparison of the measured pulse pressures with said predetermined reference values. A corresponding method of detecting diastolic heart failure, DHF, comprises the step of determining at least one blood pressure parameter for detecting a DHF state of the heart of a patient. This step of determining at least one blood parameter comprises determining, as said blood pressure parameter, the pulse pressure in a cardiac cycle for a predetermined workload situation of the patient, and the determined pulse pressure is compared with a predetermined reference value.



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